

Publications

Articles in Refereed Journals and Book Chapters

1. William Gropp, Ewing Lusk, Thomas Sterling, Narayan Desai, Peter H. Beckman, Daniel Nurmi, Brian Toonen, Philip Papadopoulos, Ralph Butler, Al Geist, Jim Kohl, Victor Eijkhout, Jack Dongarra, John-Paul Navarro, James Patton Jones, David Lifka, Bill Nitzberg, Todd Tannenbaum, Derek Wright, Karen Miller, Erik Paulson, Miron Livny, David Jackson, Walt Ligon, Dan Stanzione, Rob Ross, Rémy Evard, Beowulf Cluster Computing with Linux, MIT Press 2003. Authored chapter on “*Cluster Management,*” pages 357-372.
2. K. G. Helmer, J. L. Ambite, J. Ames, R. Ananthakrishnan, G. Burns, A. L. Chervenak, I. Foster, L. Liming, D. Keator, F. Macciardi, R. Madduri, J. P. Navarro, S. Potkin, B. Rosen, S. Ruffins, R. Schuler, J. A. Turner, A. Toga, C. Williams, and C. Kesselman, Enabling Collaborative Research Using the Biomedical Informatics Research Network (BIRN), *Journal of the American Medical Informatics Association* 2011, pp. 21515543.
3. J. Binns, J. DiCarlo, J. A. Insley, T. Leggett, C. Lueninghoener, J.-P. Navarro, and M. E. Papka, Enabling Community Access to TeraGrid Visualizatio Resources, *Concurrency and Computation: Practice and Experience* 19, no. 6, 2006, pp. 783-794.

Articles in Refereed Conference Proceedings

1. D. S. Katz, D. Hart, C. Jordan, A. Majumdar, J.P. Navarro, W. Smith, J. Towns, V. Welch, and N. Wilkins-Diehr, Cyberinfrastructure Usage Modalities on the TeraGrid, in *Proceedings of the 2011 IPDPS Workshops*, 2011, pp. 927-934. No citations.
2. L. Liming, J.P. Navarro, E. Blau, J. Brechin, C. Catlett, M. Dahan, D. Diehl, R. Dooley, M. Dwyer, K. Ericson, et al., 2009. TeraGrid’s integrated information service. In *Proceedings of the 5th Grid Computing Environments Workshop* (Portland, Oregon, November 20, 2009). GCE ’09. ACM, New York, pp. 1-10. Cited by 1.
3. J. Basney, S. Martin, J.P. Navarro, M. Pierce, T. Scavo, L. Strand, T. Uram, N. Wilkins-Diehr, W. Wu, and C. Uoping, The Provlem Solving Environments of TeraGrid, Science Gateways, and the Intersection of the Two, in *Proceedings of the IEEE 4th International Conference on eScience*, 2008, pp. 725-734.
4. R. Kettimuthu, W. Allcock, L. Liming, J. Navarro, and I. Foster, GridCopy: Moving Data Fast on the Grid in *Proceedings of the IEEE International Parallel and Distributed Processing Symposium*, 2007. Cited by 9.
5. N. Desai, R. Bradshaw, S. Matott, S. Bittner, S. Coghlan, R. Evard, C. Lueninghoener, T. Leggett, J.-P. Navarro, G. Rackow, C. Stacey, T. Stacey, A Case Study in Configuration Management Tool Development, in *LISA '05 Proceedings of the 19th Conference on*

Large Installation System Administration Conference, volume 192005, 2005. Cited by 15.

6. R. Evard, N. Desai, J.-P. Navarro, and D. Nurmi, Clusters as Large-Scale Development Facilities, in *Proceedings of the IEEE International Conference on Cluster Computing*, 2002, pp. 54-63. Cited by 5.
7. J.-P. Navarro, R. Evard, D. Nurmi, N. Desai, Scalable Cluster Administration – Chiba City I: Approach and Lessons Learned, in *Proceedings of the IEEE International Conference on Cluster Computing*, 2002, pp. 215-222. Cited by 9.
8. J.-P. Navarro, Bill Nickless, and Linda Winkler, Combining Cisco NetFlow Exports with Relational Database Technology for Usage Statistics, Intrusion Detection, and Network Forensics, in *Proceedings of the 14th Large Systems Administration Conference (LISA)*, 2000, pp. 285-290.

Reports

1. R. Evard, P. Beckman, S. Bittner, R. Bradshaw, S. Coghlan, N. Desai, B. Finley, E. Rackow, J.-P. Navarro, The Production Cluster Construction Checklist, Technical Memorandum ANL/MCS-TM-267, October 2003.
2. Miron Livny, Ian Foster, Ruth Pordes, Scott Koranda, JP Navarro, Report from the Workshops on Distributed Computing, Multidisciplinary Science, and the NSF's Scientific Software Innovation Institutes Program, submitted to the National Science Foundation, October 2010.

Other Publications

1. John-Paul Navarro, Rémy Evard, Daniel Nurmi, Narayan Desai, Article on “*The Chiba City I Scalable Management Architecture*,” Newsletter of the IEEE Task Force on Cluster Computing (Summer 2002, Vol. 4, No. 1).
2. Sergio Androozzi, Stephen Burke, Felix Ehm, Laurence Field, Gerson Galang, Balazs Konya, Maarten Litmaath, Paul Millar, JP Navarro, *GLUE2 Specification v. 2.0 (GFD-R-P.147)*, Open Grid Forum, March 2009. <http://www.ogf.org/documents/GFD.147.pdf>

Invited Presentations

- Panelist on “*The truth about clusters*”, Access Grid Chautauquas, June 2000, August 2000.
- Presented *TeraGrid Overview* at the *Grids Center Workshop*, June 2005.
- Presented *TeraGrid TeraGrid Community Software Areas* at a *Pacific Rim Applications and Middleware Assembly 10 “PRAGMA”* event, Townsville, Australia, March 2006.
- Presented *Information Services for the TeraGrid*, GCE 07, Reno, November 2007.

- Presented *TeraGrid's Software Quality Activities* at an NSF SDCI/STCI PI's meeting, Arlington, VA, January 2010.

Other Presentations

- MCS student lecture *(Relational) Databases -- When Flat Files Don't Cut It*, August 2006.
- Presented *Globus Online Data Movement* at OGF 31, Taipei, Taiwan, March 2011.
- Presentation *Integrated Information Services* at GlobusWorld 2011, ANL, April 2011.
- Many other presentations at project all-hands-meetings and quarterly meetings.

Software

Dan Nurmi, John-Paul Navarro, and Rémy Evard, *The Chiba City Software Toolkit*, 2000.
<http://www.mcs.anl.gov/hs/software/systems/city/>